

## NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 3-1-00 are

A        not objected to by the Draftperson under 37 CFR 1.84 or 1.152

B        objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings

Black ink. Color

Color drawing are not acceptable until petition is granted.

Fig(s)       

Pencil and non black ink is not permitted. Fig(s)       

**2. PHOTOGRAPHS.** 37 CFR 1.84(b):

Photographs are not acceptable until petition is granted.

3 full-tone sets are required. Fig(s)       

Photographs not properly mounted (must bristol board or

photographic double-weight paper). Fig(s)       

Poor quality (half-tone). Fig(s)       

**3. TYPE OF PAPER.** 37 CFR 1.84(e):

Paper not flexible, strong, white and durable.

Fig(s)       

Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable (too thin)

Mylar, vellum paper is not acceptable (too thin).

Fig(s)       

**4. SIZE OF PAPER.** 37 CFR 1.84(F): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawings sheets not the same size.

Sheet(s)       

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
SIZE: A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s)       

Top (T)        Left (L)       

Right (R)        Bottom (B)       

**6. VIEWS.** 37 CFR 1.84(h):

REMINDER: Specification may require revision to correspond to drawing changes

Views connected by projection lines or lead lines

Fig(s)       

Partial views. 37 CFR 1.84(h)(2)

Brackets needed to show figure as one entity

Fig(s)       

Views not labeled separately or properly

Fig(s)       

Enlarged view not labeled separately or properly

Fig(s)       

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3):

Hatching not indicated for sectional portions of an object

Fig(s)       

Sectional designation should be noted with Arabic or

Roman numbers. Fig(s)       

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i):

Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig(s)       

Views not on the same plane on drawing sheet. Fig(s)       

**9. SCALE.** 37 CFR 1.84(k):

Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s)       

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l):

Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality).

Fig(s)       

**11. SHADING.** 37 CFR 1.84(m):

Solid black areas pale. Fig(s)       

Solid black shading not permitted. Fig(s)       

Shade lines pale, rough and blurred. Fig(s)       

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.**

37 CFR 1.48(p):

Numbers and reference characters not plain and legible.

Fig(s)       

Figure legends are poor. Fig(s)       

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3). Fig(s)       

English alphabet not used. 37 CFR 1.84(p)(3). Fig(s)       

Numbers, letters and reference characters must be at least 32 mm (1 1/4 inch) in height. 37 CFR 1.84(p)(3). Fig(s)       

**13. LEAD LINES.** 37 CFR 1.84(q):

Lead lines cross each other. Fig(s)       

Lead lines missing. Fig(s)       

**4. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.48:

Numbers not arranged consecutively and in Arabic, or in Arabic and in Roman numerals, with number 1. Fig(s)       

**5. NUMBERING OF VIEWS.** 37 CFR 1.84(j):

Numbers not arranged consecutively and in Arabic, or in Arabic and in Roman numerals, with number 1. Fig(s)       

**6. CORRECTIONS.** 37 CFR 1.84(w):

Corrections not made from PTO-473, dated 1-1-82.

**7. LINES ON DRAWINGS.** 37 CFR 1.152:

Surface shading, drawing lines, hatching, etc., not clearly defined.

Surface shading, drawing lines, hatching, etc., not clearly defined.

**COMMENTS**

REVIEWER Jc

DATE 5-8-00 TELEPHONE NO. 703 305 8450

ATTACHMENT TO PAPER NO. 15

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